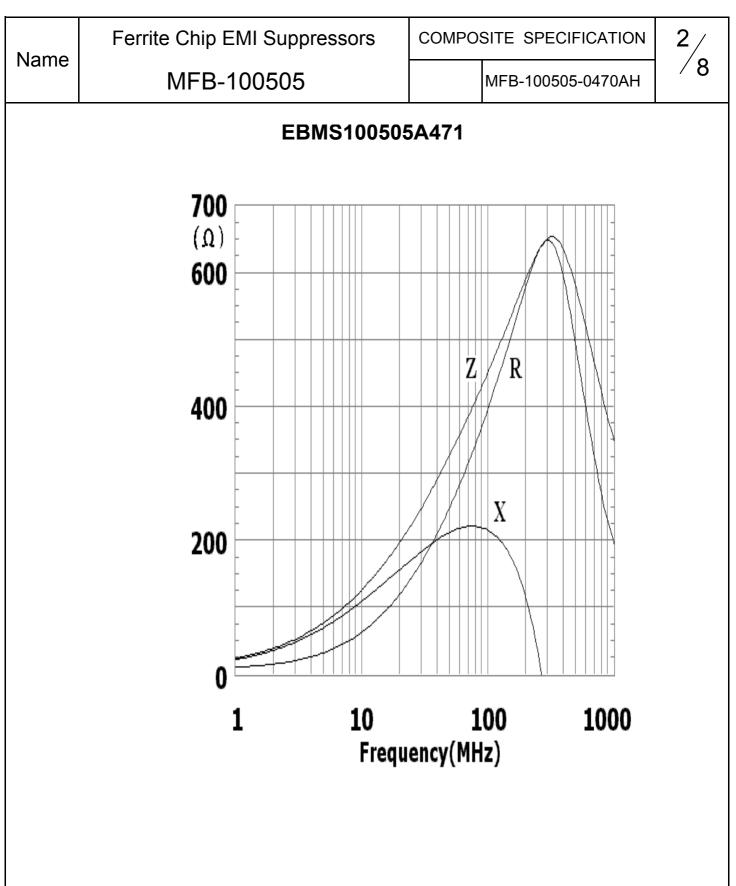
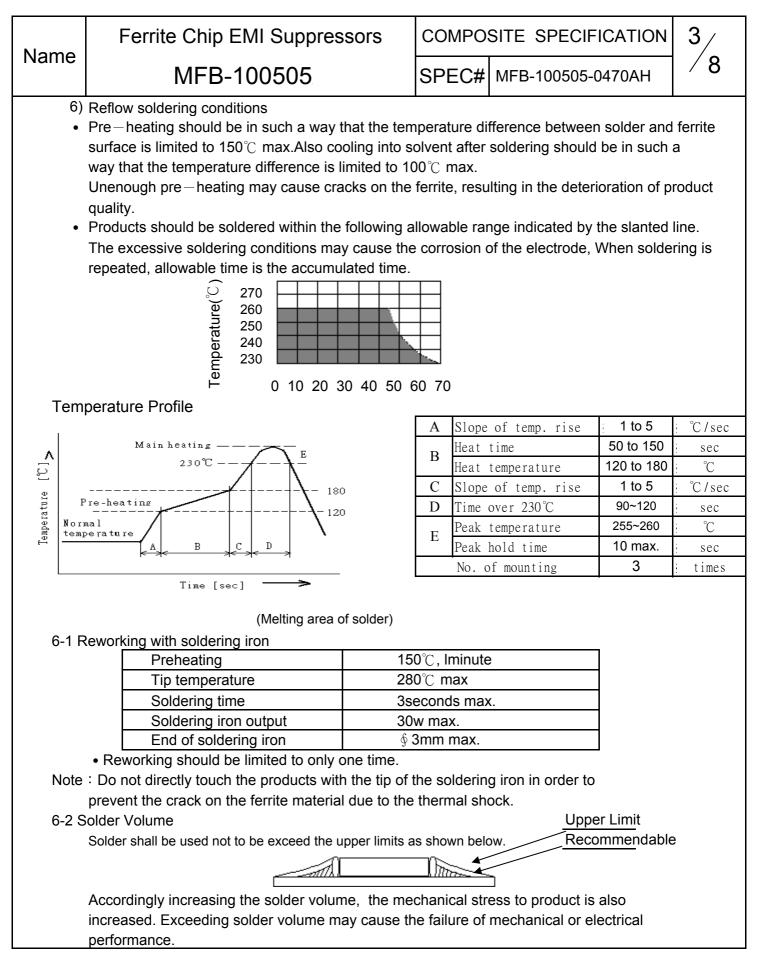
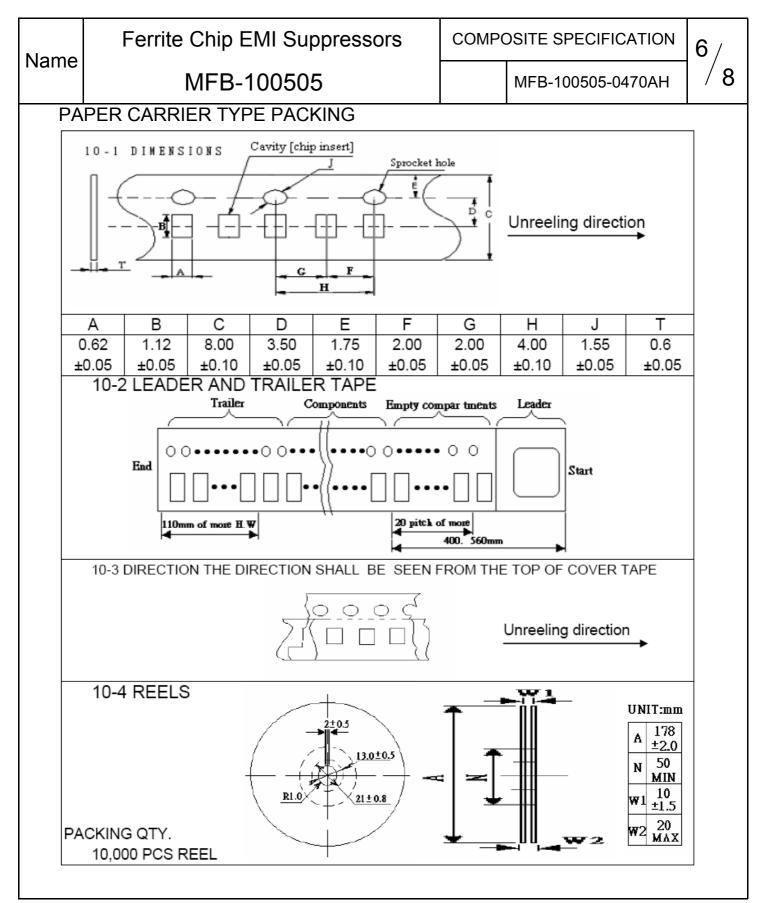
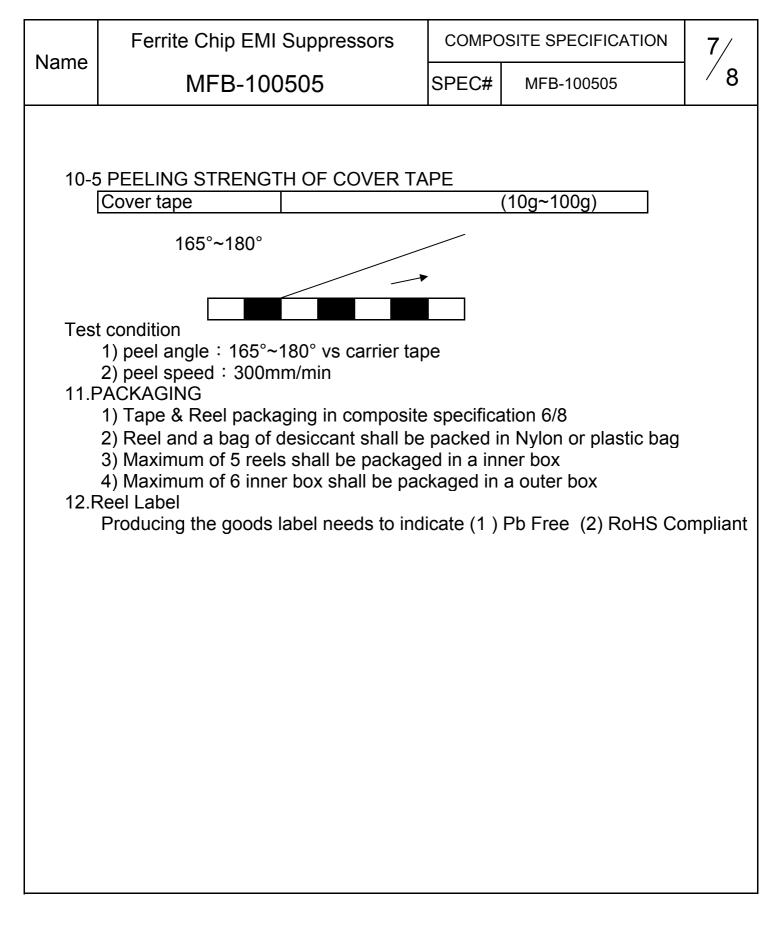
Name	Ferrite Chip EMI Suppressors			COMPOSITE SPECIFICATION			1/		
Indiffe	MFB-100505				MFB-100)505-	-0470AH	8 / 8	
 SCOPE This specification applies to the EBMS-1005 series Ferrite Chip EMI suppressors. STANDARD ATMOSPHERIC CONDITIONS Unless otherwise specified the standard range of atmospheric conditions for making measurements and tests is as follows: Ambient temperature : 20±15°C Relative humidity : 30~70% If there may be any doubt on the results, measurements shall be made within the following limits : Ambient temperature : 25±5°C Relative humidity : 30~70% If there may be any doubt on the results, measurements shall be made within the following limits : Ambient temperature : 25±5°C Relative humidity : 30~70% So and the following limits : Ambient temperature : 25±5°C Relative humidity : 30~70% If there may be any doubt on the following limits : Ambient temperature : 25±5°C Relative humidity : 30~70% If there may be any doubt on the following limits : Ambient temperature : 25±5°C Relative humidity : 30~70% If there may be any doubt on the following limits : Ambient temperature : 25±5°C Relative humidity : 30~70% So and the following limits : Ambient temperature : 25±5°C Relative humidity : 30~70% Relative humidity : 30~70% If there may be any doubt on the following limits : Ambient temperature : 25±5°C Relative humidity : 30~70% So and the following limits : Ambient temperature : 25±5°C Relative humidity : 30~70% So and the following limits : Ambient temperature : 25±5°C Relative humidity : 30~70% Relative humidity : 30~70% If there may be any doubt on the following limits : Ambient temperature : 25±5°C									
PART NO			IMPEDANCE (Ω) T100 MHz 500mV		DC RESISTANCE (Ω) Max		※ RATED CURRENT (mA) Max		
MF	B-100505		470±25%		0.9		100		
*The maximum rated current : the DC current value having temperature increased 40 °C after thru DC current 2 hours at ambient temperature. 4. DIMENSION $\int_{V} V = V + 125^{\circ}C + 125^{\circ}$									
5. The place of origin : Taichung, Taiwan									
	TORY	DATE		RE	VISION			SIGN.	SIGN.
PLAN	NED BY	CHECKED BY	APPROVED BY						
JSł	HING	HSU	Chi Chi Huang						





Name	Ferrite Chip EMI Suppressors		COMPO	4 /			
Name	MFB-100505		SPEC#	MFB-100505-0470AH	/ 8		
7 EQUIPMENT 7-1 IMPEDANCE Impedance shall be measured with HP – 4286A impedance analyzer or equivalent system 7-2 DC RESISTANCE DC resistance shall be measured using HP 4338 digital mili – ohm meter with 4 terminal method. 8.MECHANICAL CHARACTERISTICS							
	ITEM	Specification	TEST CONDITIONS				
	RMINAL RENGTH	Without deformation cases impedance shall be satisfied ± 30%	Solder chip on PCB and applied 10N (1.02Kgf) for 10 sec				
	DC resistance shall be satisfied.						
Substrate Without deformation cases, bending test impedance shall be satisfied ± 30% DC resistance shall be satisfied.			After soldering a chip to a test substrate, bend the substrate by 3mm hold for 10s and then return. Soldering shall be done in accordance with the recommended PC board pattern and reflow soldering.				
RESISTANCE TO SOLDER HEATNo visible damage Electrical characteristics and mechanical characteristics shall be satisfied.Consult standard MIL-STD-202 METHOD 210		Solder Temp. : $265\pm3^{\circ}$ C Immersion time : 6 ± 1 sec Preheating : 100° C to 150° C, 1 minute. Measurement to be made after keeping at room temp for 24 ± 2 hrs. Solder : Sn-3Ag-0.5Cu					
	SOLDER – 95% min. coverage of all ABILITY metabolised area Consult standard J-STD-002			Solder temp. : 240±5℃ Immersion time : 3±1 sec Solder : Sn-3Ag-0.5Cu			





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NAME	Ferrite Chip EMI Suppressors	COMPOSITE SPECIFICATION		8					
	MFB-100505	SPEC#	MFB-100505-0470AH	/ 8					
13. 5	13. STORAGE								
 13-1The solderability of the external electrode may be deteriorated if packages are stored where they are exposed to high humidity. Packages must be stored at 40°C or less and 70% RH or less. 13-2 The solderability of the external electrode may be deteriorated if packages are stored where they are exposed to dust or harmful gas (hydrogen chloride, sulfurous acid gas or hydrogen sulfide). 13-3 Packaging material may be deformed if packages are stored where they are exposed to heat or direct sun — light. 13-4 Minimum packages, such as polyvinyl heat — seal packages shall not be opened until just before they are used. If opened, use the reels as soon as possible. 13-5 Solderability specified in composite specification 4/8 shall be for 6 months from the date of delivery on condition that they are stored at the environment specified clause 13-1 & 13-2. For those parts which passed more than 6 months shall be checked solderability before it is used. 									
14. Quality System									
	ISO/TS16949 IECQ QC 080000								